

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062518\
 Data File : BG035393.D
 Acq On : 26 Jun 2018 1:57
 Operator : JU/SJ
 Sample : J3241-14
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 26 06:43:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

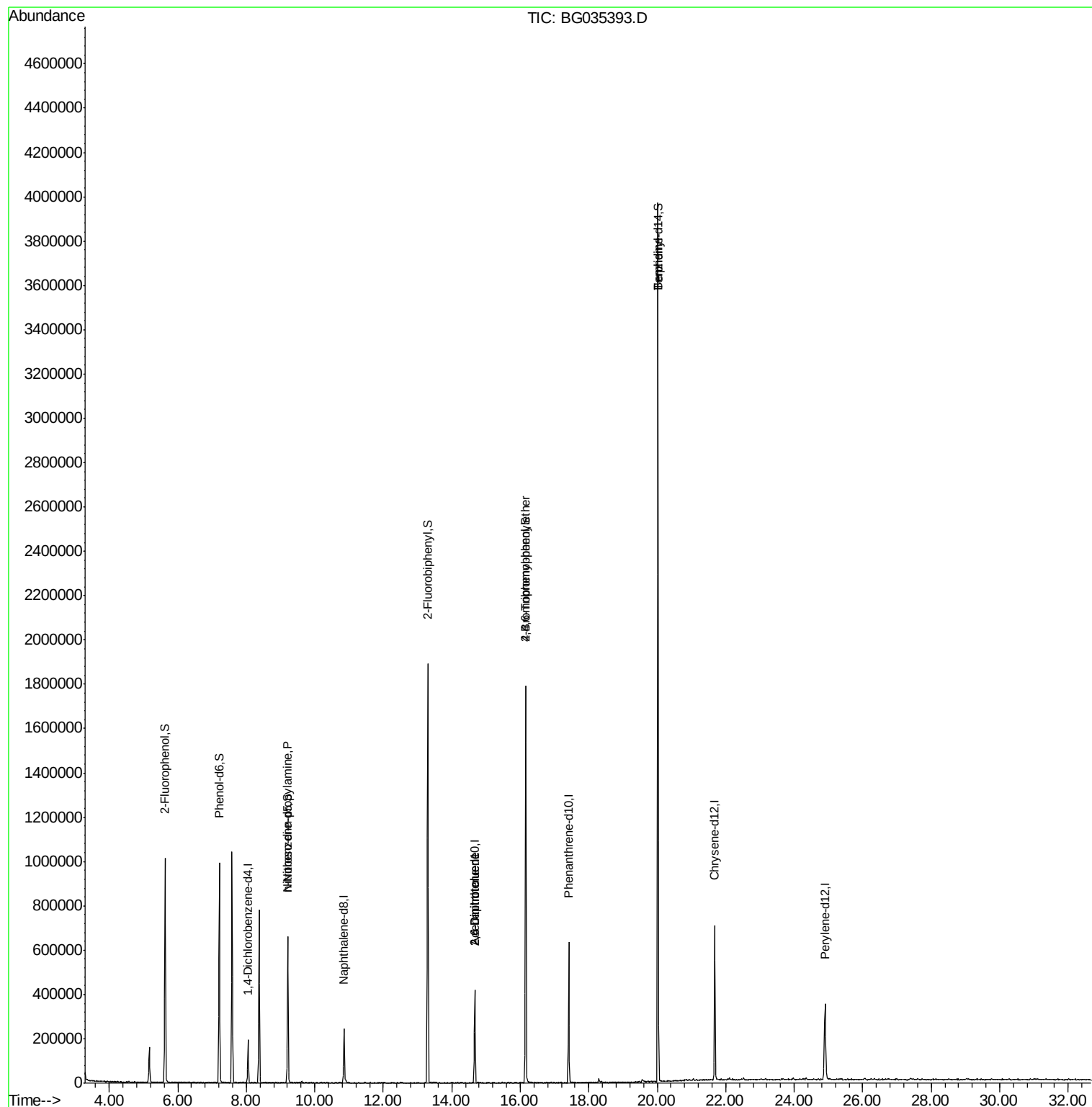
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	54619	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	199028	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	145471	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	401830	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	430155	20.00	ng	-0.04
86) Perylene-d12	24.90	264	410047	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	442436	136.70	ng	-0.01
7) Phenol-d6	7.21	99	592292	123.99	ng	-0.01
23) Nitrobenzene-d5	9.21	82	449447	107.34	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	337595	181.29	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	1019202	91.08	ng	-0.03
78) Terphenyl-d14	20.02	244	1929646	93.97	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	61361	15.120	ng	# 68
50) 2,6-Dinitrotoluene	14.67	165	18985	8.203	ng	# 20
56) 2,4-Dinitrotoluene	14.67	165	18985	6.175	ng	# 18
66) 4-Bromophenyl-phenylether	16.16	248	26718	5.521	ng	# 1
76) Benzidine	20.02	184	34413	2.150	ng	# 94

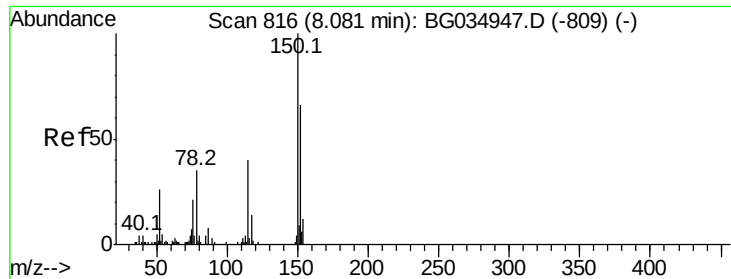
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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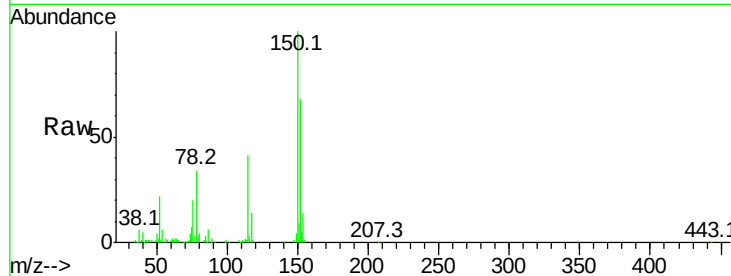


#1

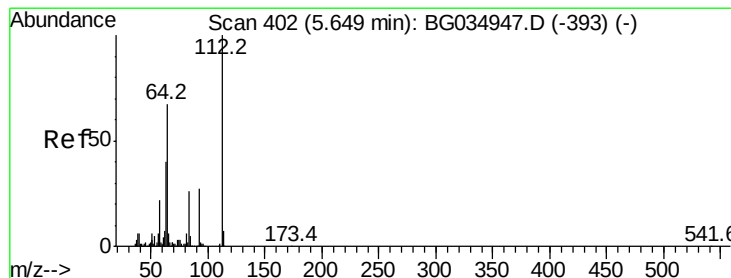
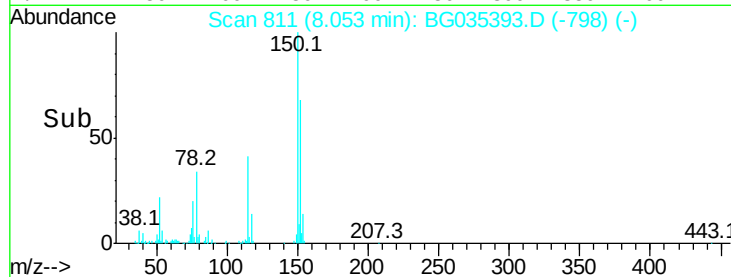
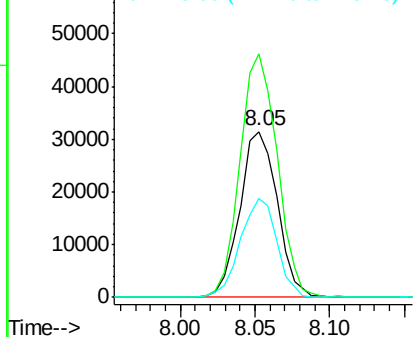
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035393.D
Acq: 26 Jun 2018 1:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 54619
Ion Ratio Lower Upper
152 100
150 146.8 126.6 189.8
115 59.5 53.0 79.4



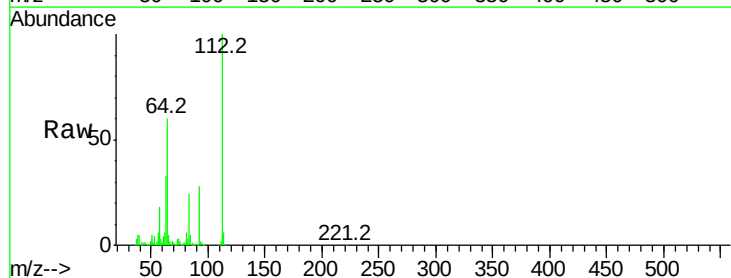
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



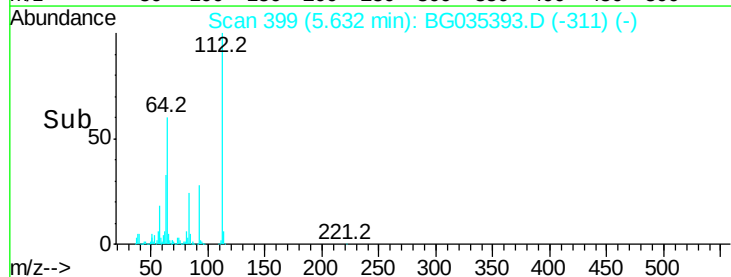
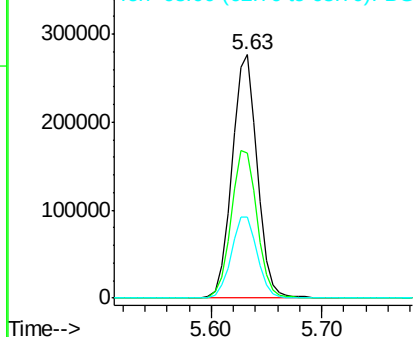
#5

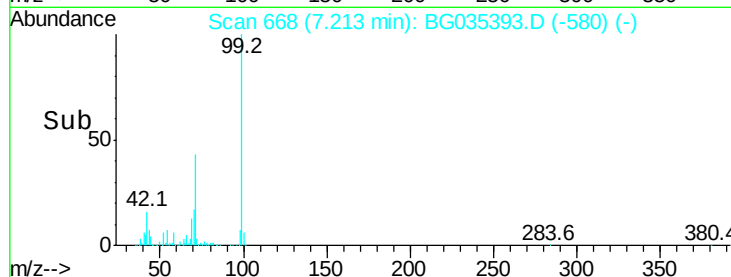
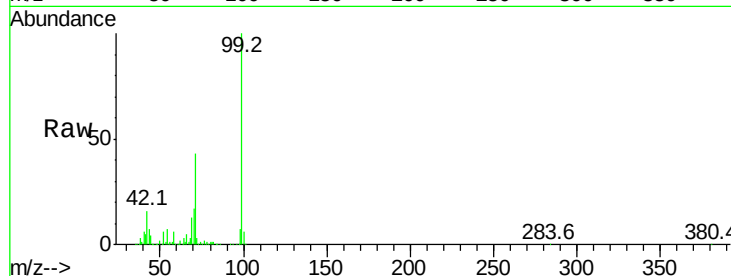
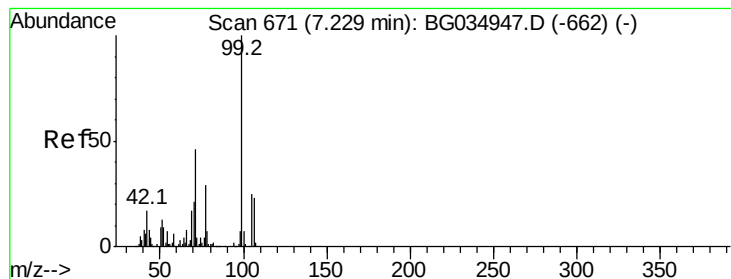
2-Fluorophenol
Concen: 136.703 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035393.D
Acq: 26 Jun 2018 1:57

Tgt Ion:112 Resp: 442436
Ion Ratio Lower Upper
112 100
64 59.8 56.3 84.5
63 33.1 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGO
Ion 63.00 (62.70 to 63.70): BGO





#7

Phenol-d6

Concen: 123.992 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035393.D

Acq: 26 Jun 2018 1:57

Instrument :

BNA_G

ClientSampleId :

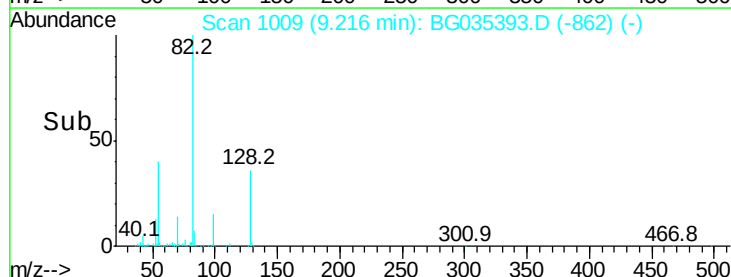
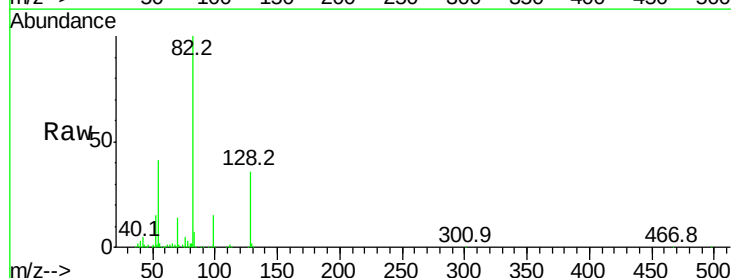
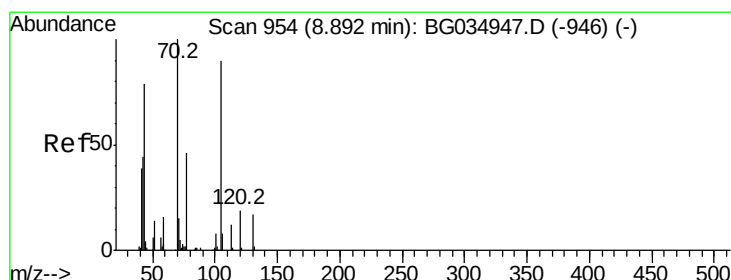
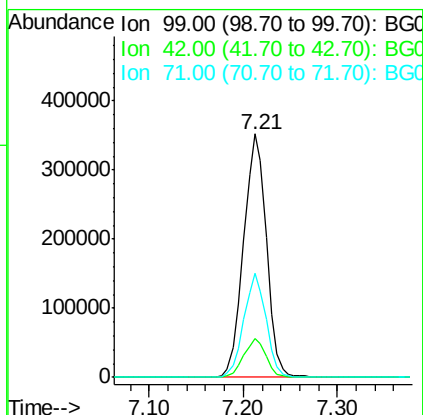
Tot Ion: 99 Resp: 592292

Ion Ratio Lower Upper

99 100

42 15.7 14.1 21.1

71 42.6 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 15.120 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.33 min

Lab File: BG035393.D

Acq: 26 Jun 2018 1:57

Tgt Ion: 70 Resp: 61361

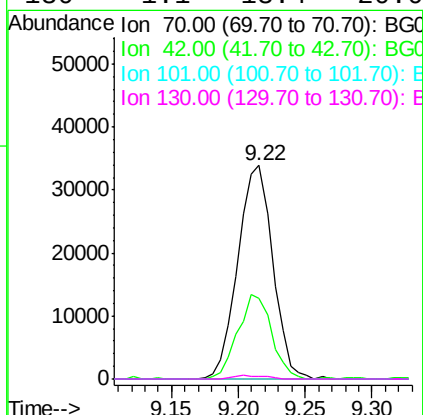
Ion Ratio Lower Upper

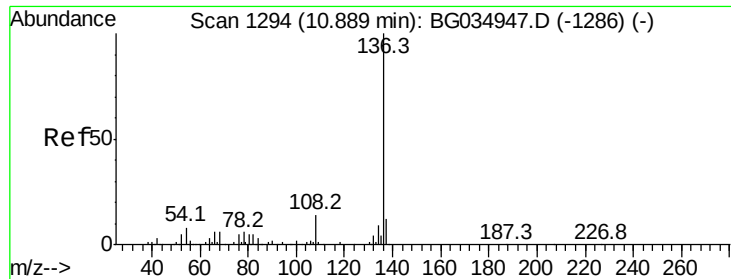
70 100

42 37.8 49.1 73.7#

101 0.0 8.5 12.7#

130 1.1 13.4 20.0#

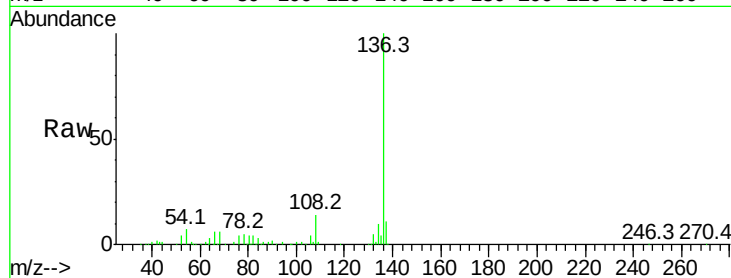




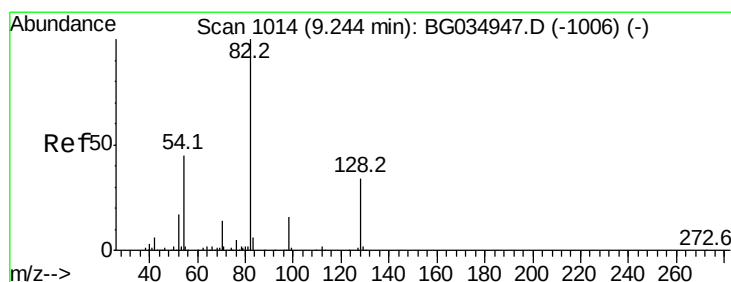
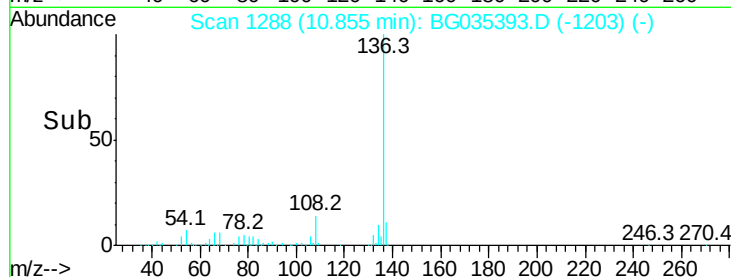
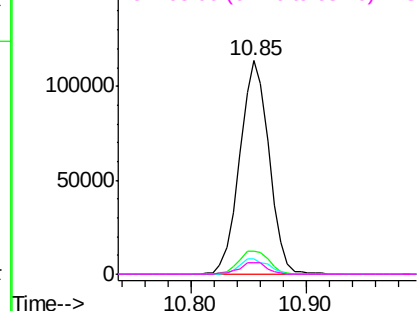
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BG035393.D
Acq: 26 Jun 2018 1:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	199028
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.2 13.8
54	7.1	10.3 15.5#
68	5.6	4.5 6.7

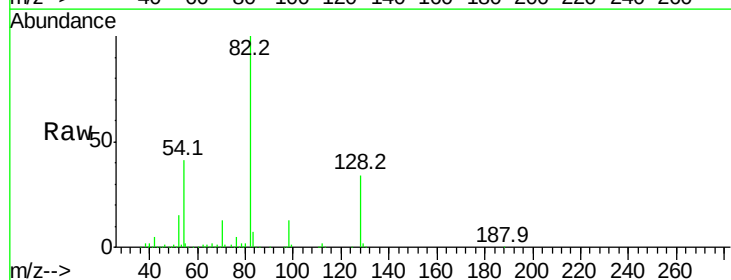


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

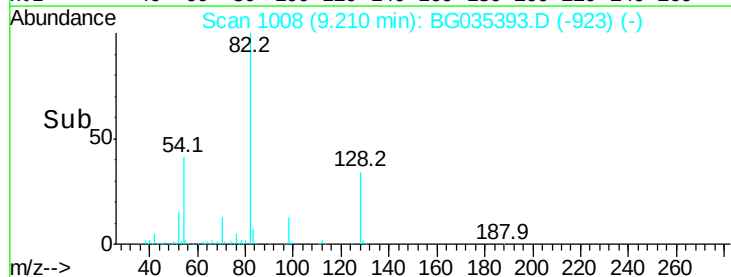
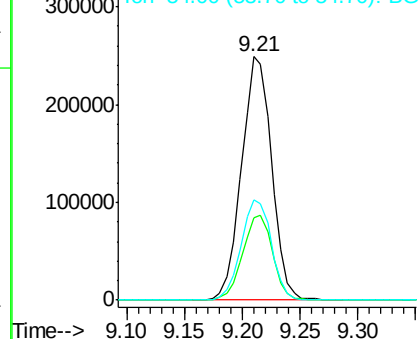


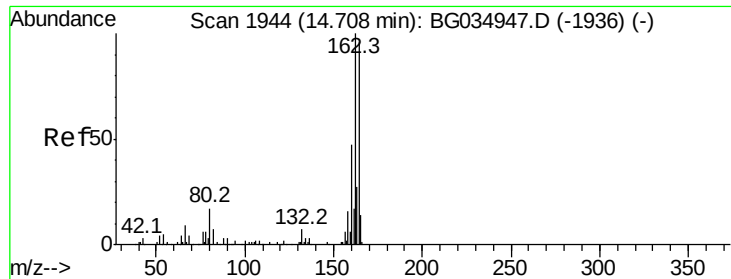
#23
Nitrobenzene-d5
Concen: 107.343 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BG035393.D
Acq: 26 Jun 2018 1:57

Tgt Ion: 82	Resp:	449447
Ion Ratio	Lower	Upper
82	100	
128	34.0	29.7 44.5
54	41.3	43.1 64.7#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BG035393.D

Acq: 26 Jun 2018 1:57

Instrument :

BNA_G

ClientSampleId :

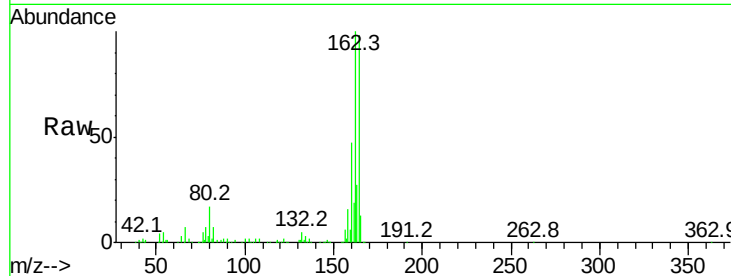
Tot Ion:164 Resp: 145471

Ion Ratio Lower Upper

164 100

162 101.9 78.8 118.2

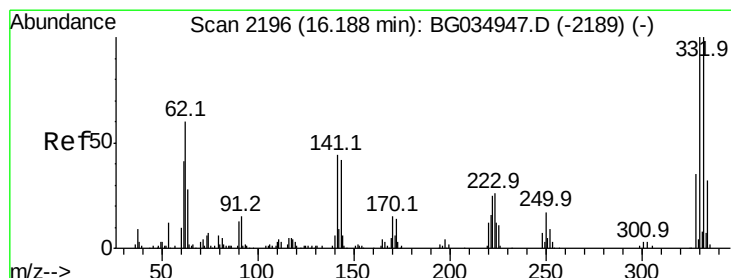
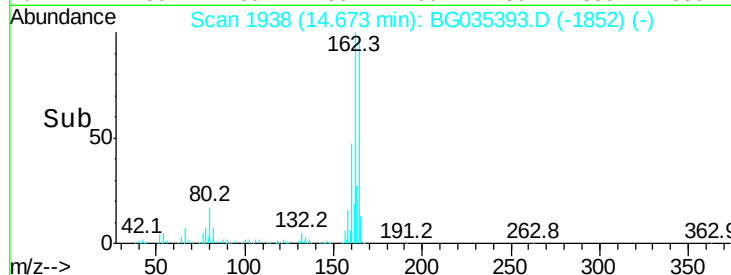
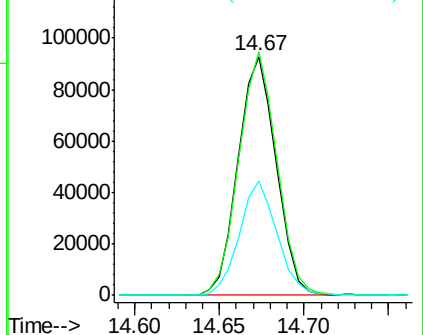
160 48.0 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 181.287 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BG035393.D

Acq: 26 Jun 2018 1:57

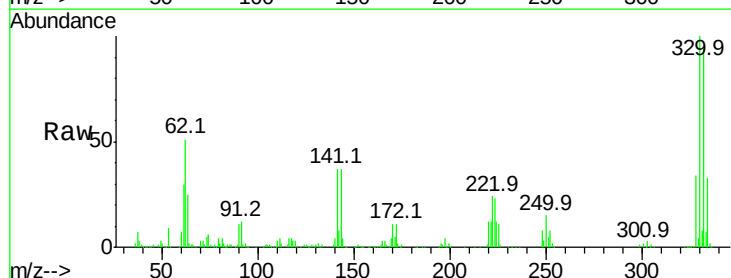
Tgt Ion:330 Resp: 337595

Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.6

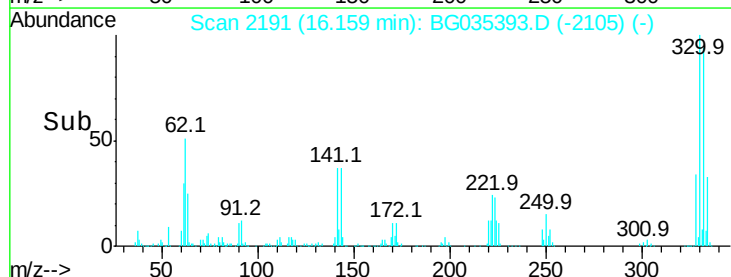
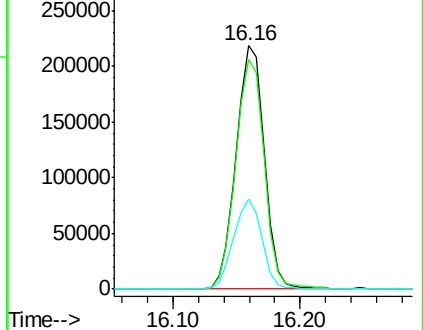
141 36.7 25.2 37.8

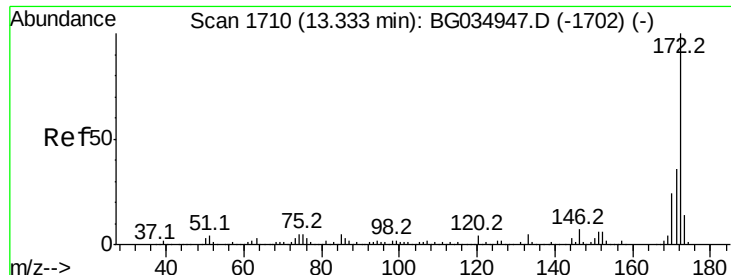


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



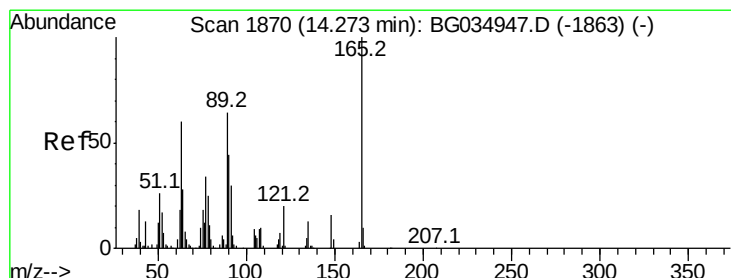
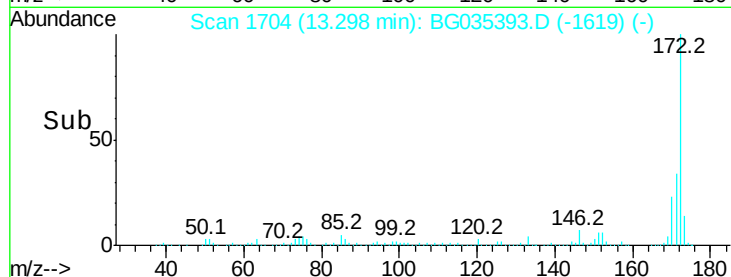
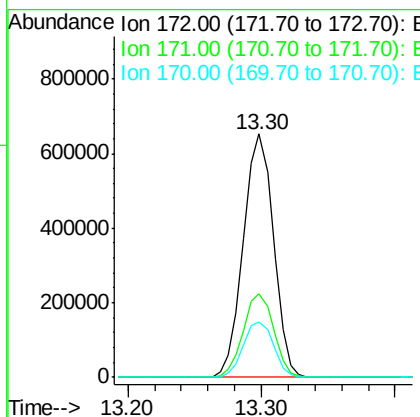
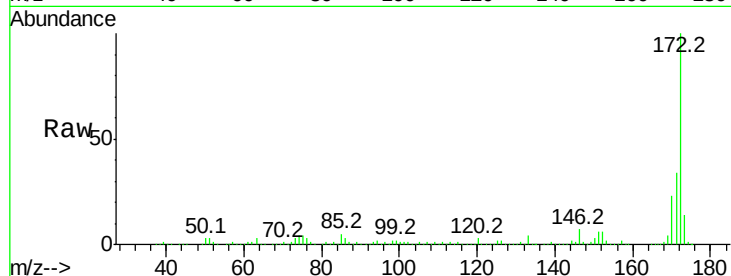


#44
 2-Fluorobiphenyl
 Concen: 91.081 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035393.D
 Acq: 26 Jun 2018 1:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1019202

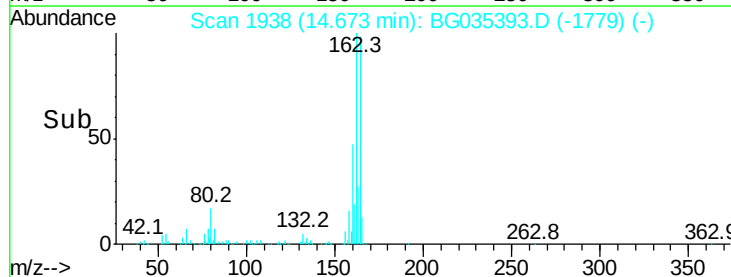
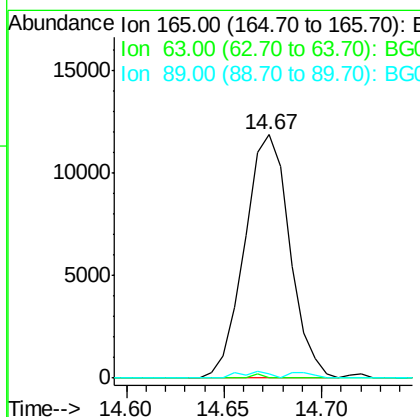
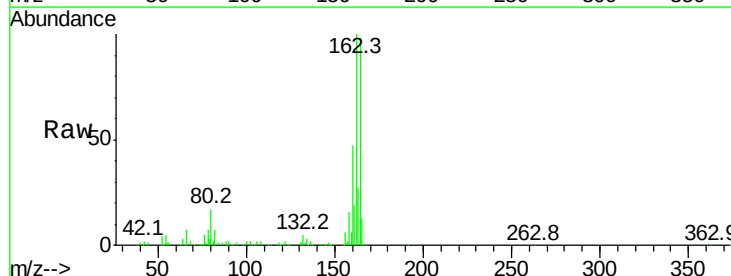
Ion	Ratio	Lower	Upper
172	100		
171	34.2	30.0	45.0
170	22.9	19.5	29.3

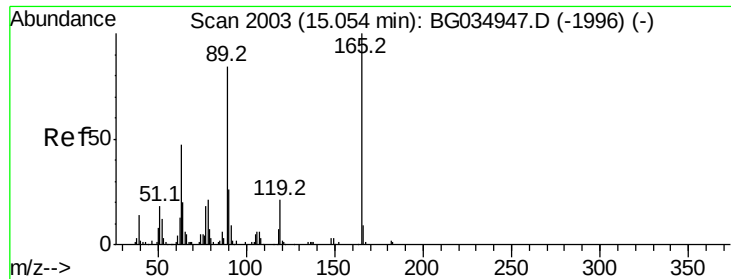


#50
 2,6-Dinitrotoluene
 Concen: 8.203 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. 0.41 min
 Lab File: BG035393.D
 Acq: 26 Jun 2018 1:57

Tgt Ion:165 Resp: 18985

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	1.9	49.2	73.8#

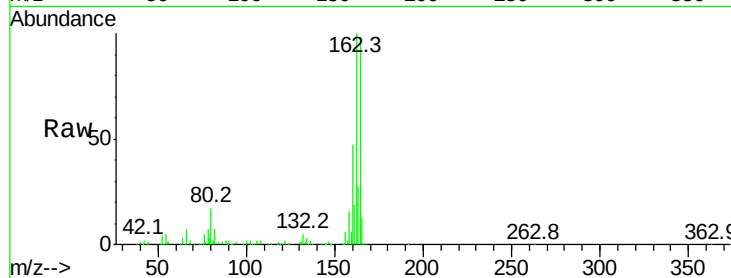




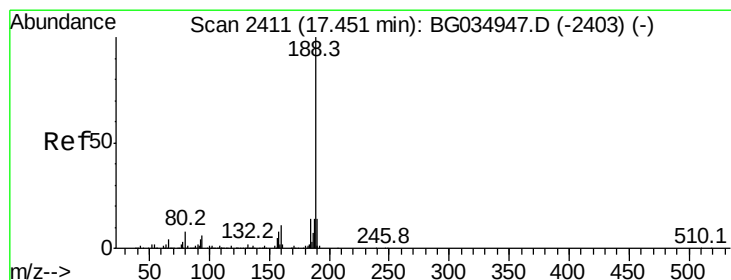
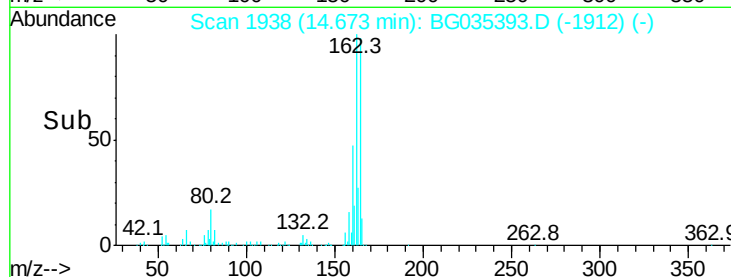
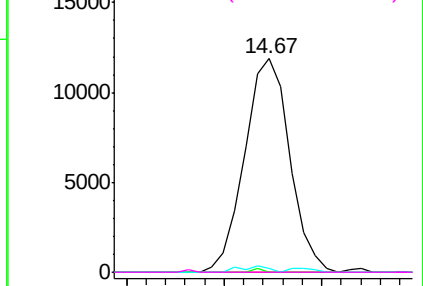
#56
2,4-Dinitrotoluene
Concen: 6.175 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.38 min
Lab File: BG035393.D
Acq: 26 Jun 2018 1:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 18985
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 1.9 66.9 100.3#
182 0.0 2.6 3.8#

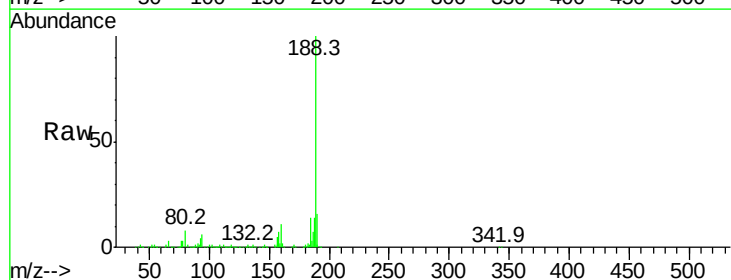


Abundance Ion 165.00 (164.70 to 165.70): E

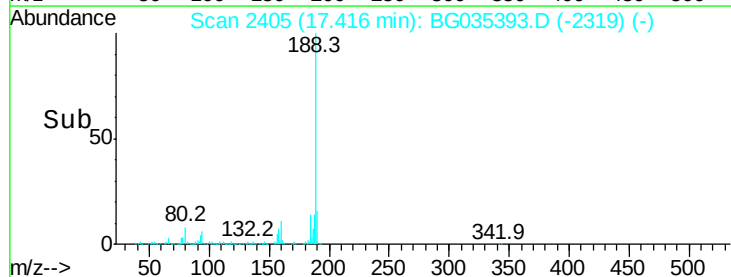
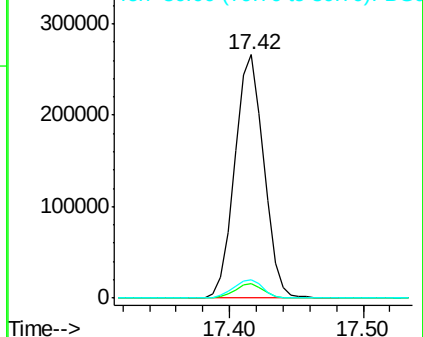


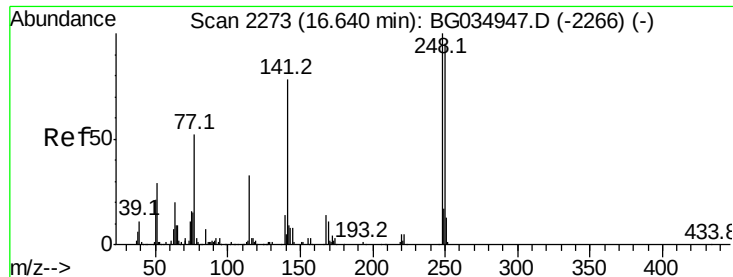
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BG035393.D
Acq: 26 Jun 2018 1:57

Tgt Ion:188 Resp: 401830
Ion Ratio Lower Upper
188 100
94 6.0 6.9 10.3#
80 7.7 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

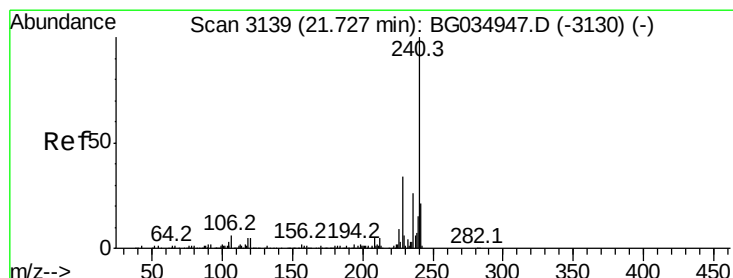
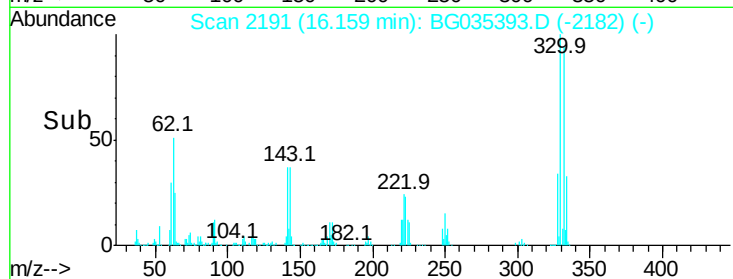
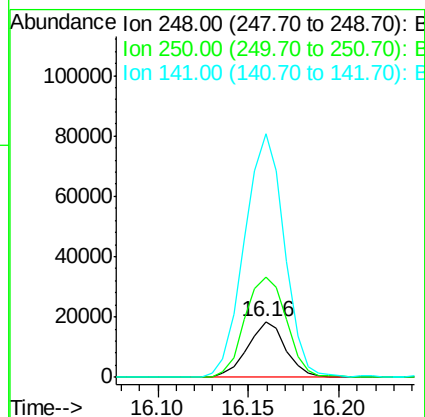
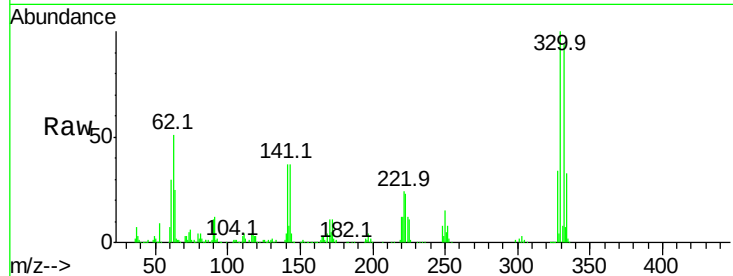




#66
 4-Bromophenyl-phenylether
 Concen: 5.521 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.48 min
 Lab File: BG035393.D
 Acq: 26 Jun 2018 1:57

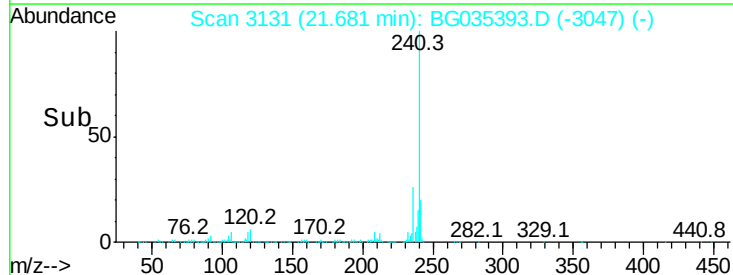
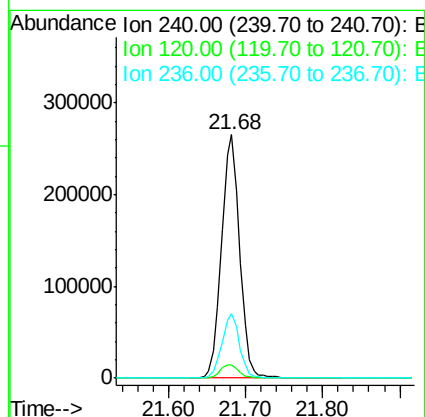
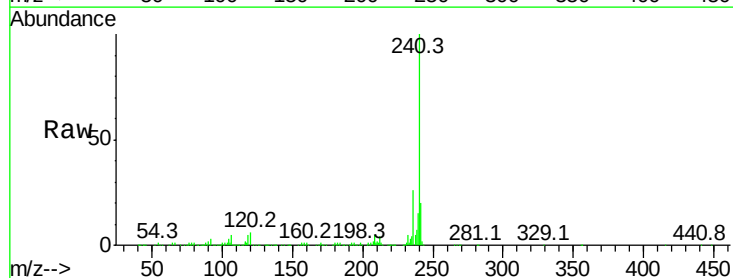
Instrument :
 BNA_G
 ClientSampled :

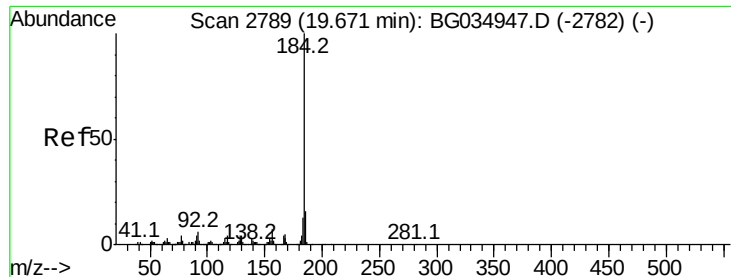
Tot Ion:248 Resp: 26718
 Ion Ratio Lower Upper
 248 100
 250 180.8 77.1 115.7#
 141 438.4 50.8 76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3131
 Delta R.T. -0.04 min
 Lab File: BG035393.D
 Acq: 26 Jun 2018 1:57

Tgt Ion:240 Resp: 430155
 Ion Ratio Lower Upper
 240 100
 120 5.6 6.8 10.2#
 236 26.3 20.9 31.3





#76

Benzidine

Concen: 2.150 ng

RT: 20.02 min Scan# 2849

Delta R.T. 0.36 min

Lab File: BG035393.D

Acq: 26 Jun 2018 1:57

Instrument :

BNA_G

ClientSampleId :

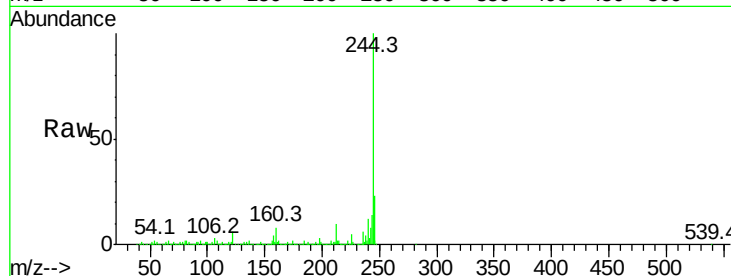
Tot Ion:184 Resp: 34413

Ion Ratio Lower Upper

184 100

185 18.0 11.1 16.7#

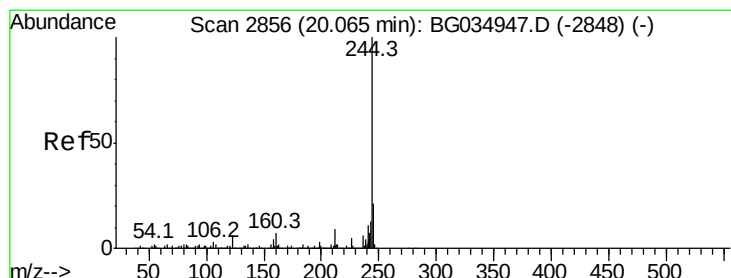
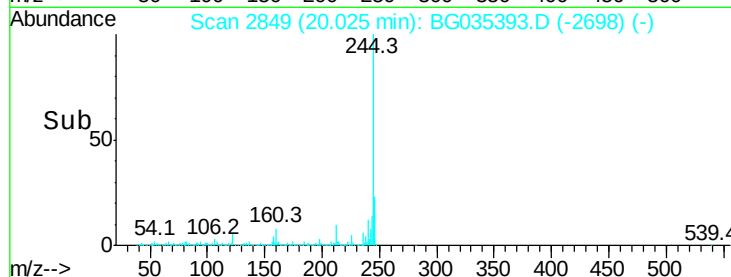
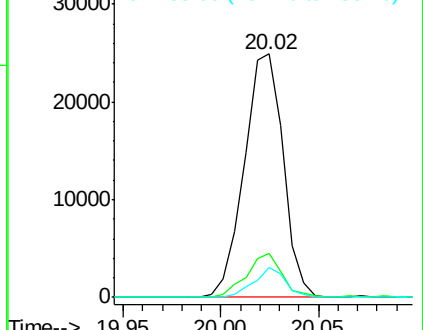
183 12.2 10.6 16.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 93.966 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035393.D

Acq: 26 Jun 2018 1:57

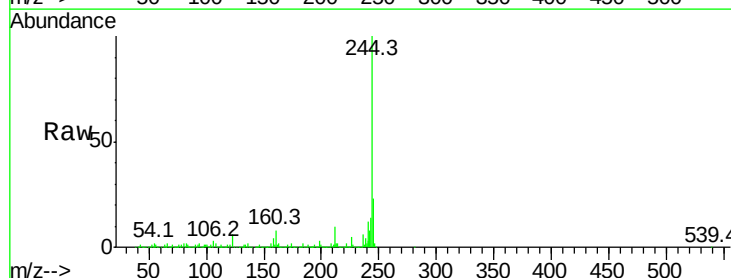
Tgt Ion:244 Resp: 1929646

Ion Ratio Lower Upper

244 100

212 9.8 5.8 8.8#

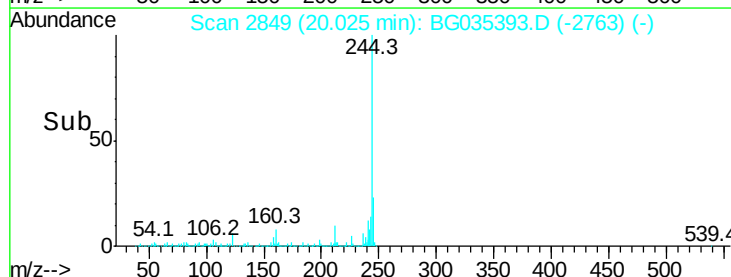
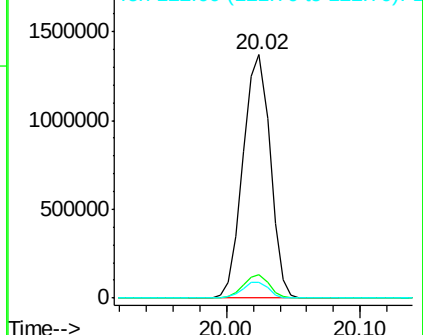
122 6.5 7.0 10.4#

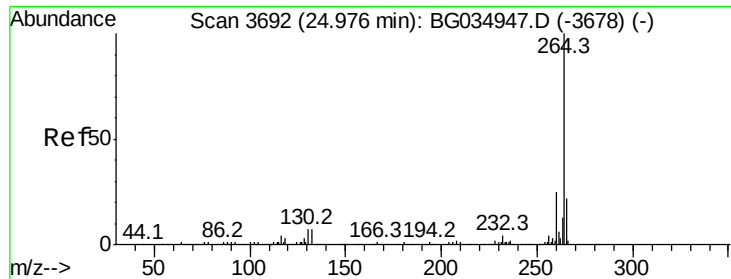


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

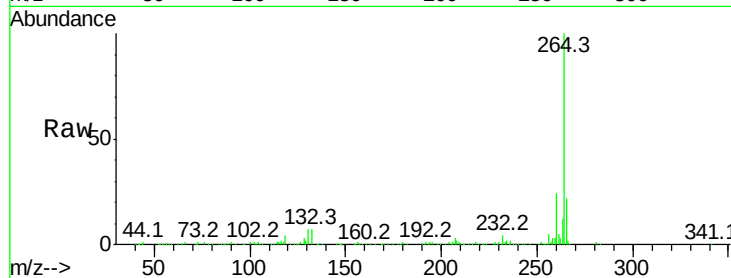




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3679
Delta R.T. -0.05 min
Lab File: BG035393.D
Acq: 26 Jun 2018 1:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	21.9	17.7	26.5



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

